

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002420.D
 Acq On : 11 May 2018 09:35
 Operator : JC/SY
 Sample : J2669-05
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-050818

Quant Time: May 11 11:15:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

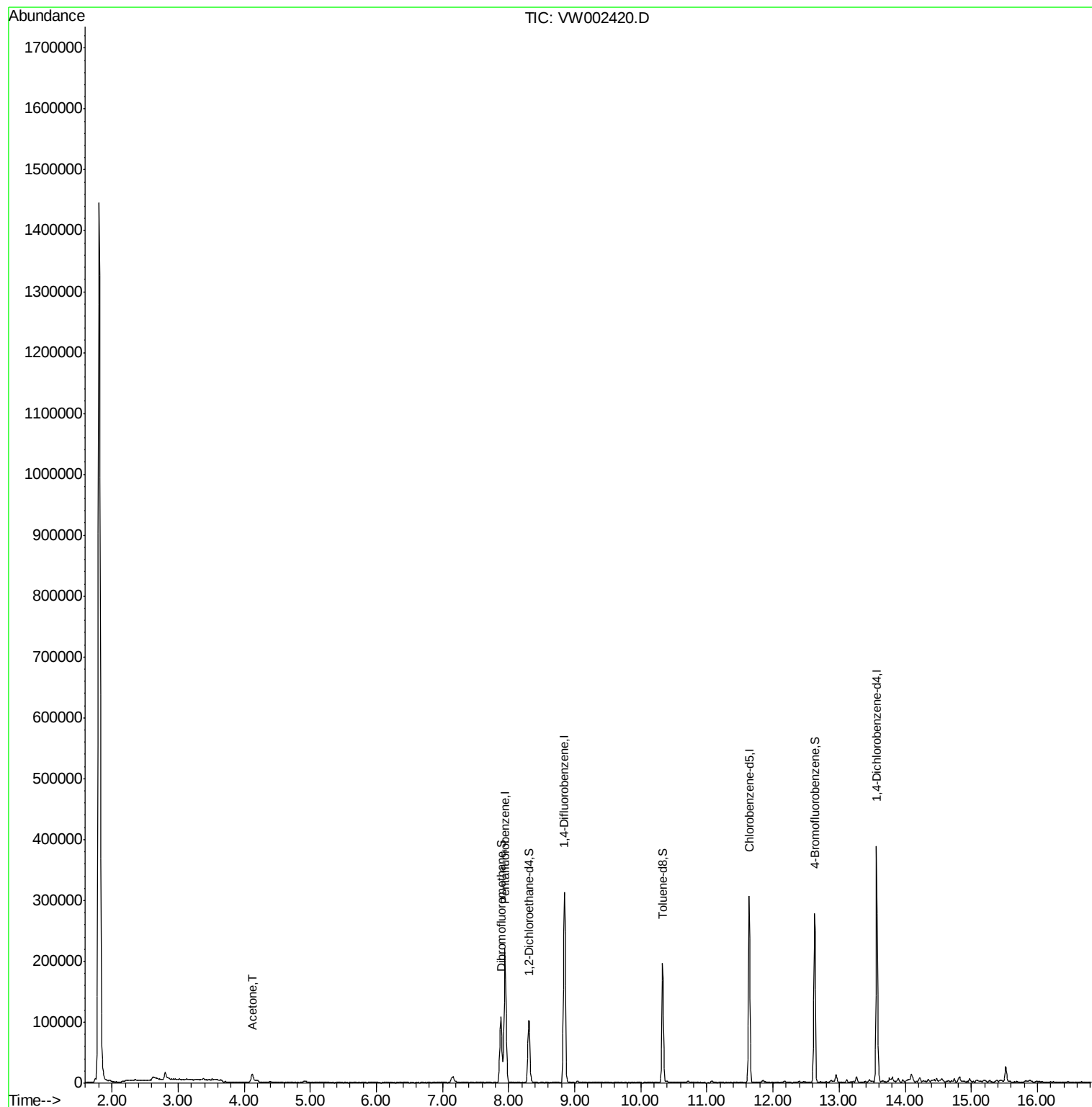
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	258746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	164484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81103	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.88	113	75463	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	
50) Toluene-d8	10.33	98	124620	19.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.40%	
62) 4-Bromofluorobenzene	12.63	95	81517	35.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.34%	
Target Compounds						
16) Acetone	4.12	43	24040	70.41	ug/l	Qvalue 93

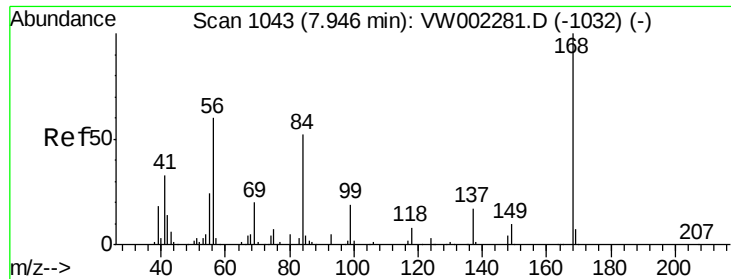
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002420.D

Acq: 11 May 2018 09:35

Instrument :

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ClientSampleId :

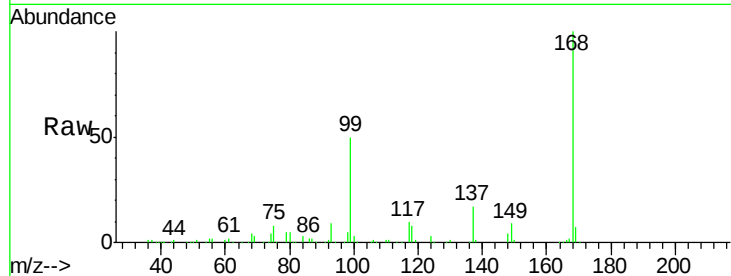
SU-02-050818

Tot Ion:168 Resp: 164625

Ion Ratio Lower Upper

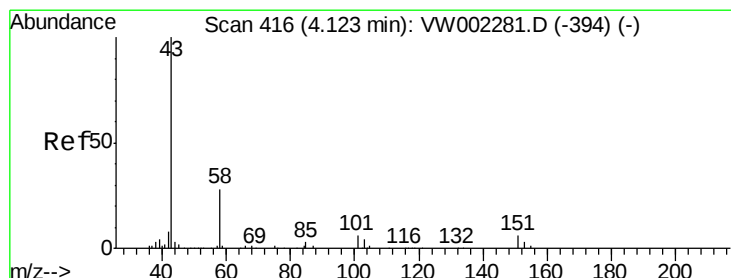
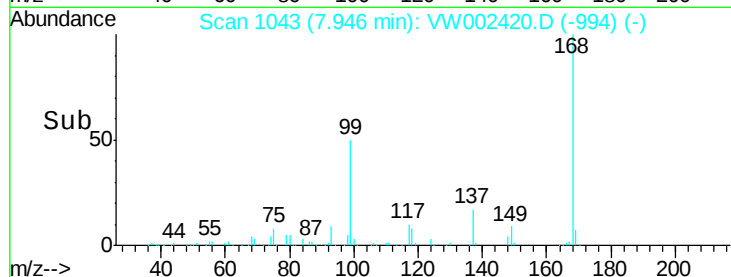
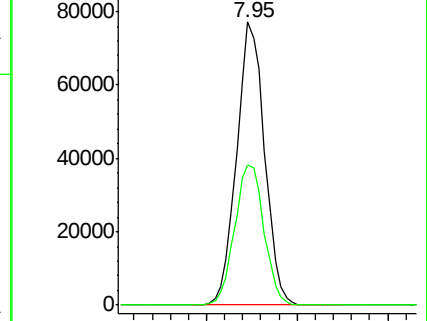
168 100

99 49.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 70.41 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002420.D

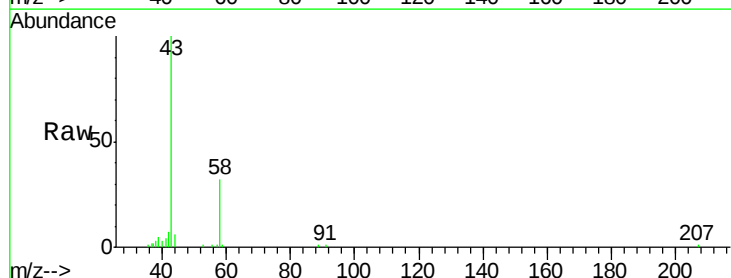
Acq: 11 May 2018 09:35

Tgt Ion: 43 Resp: 24040

Ion Ratio Lower Upper

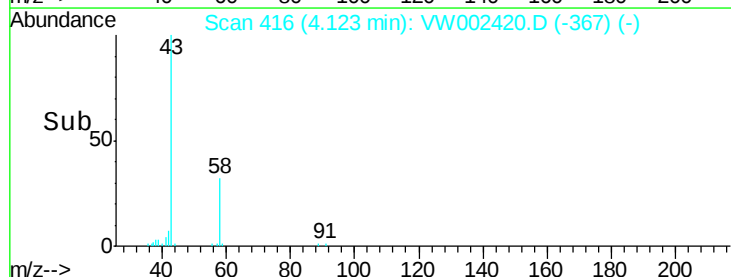
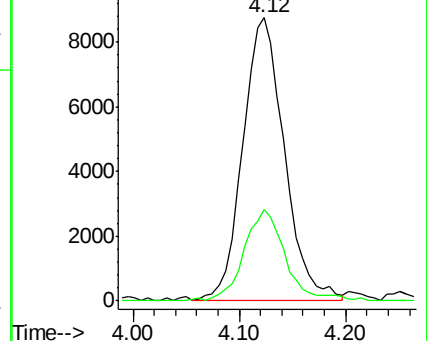
43 100

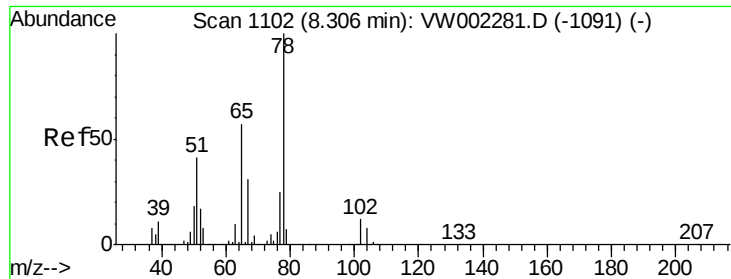
58 31.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

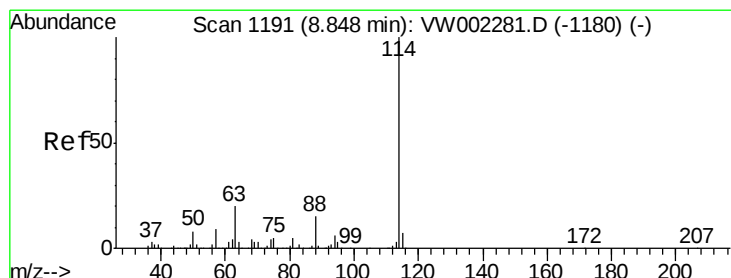
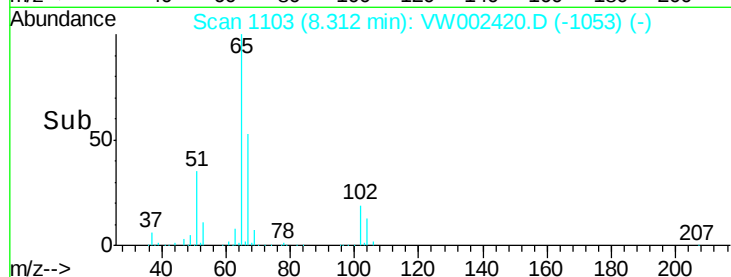
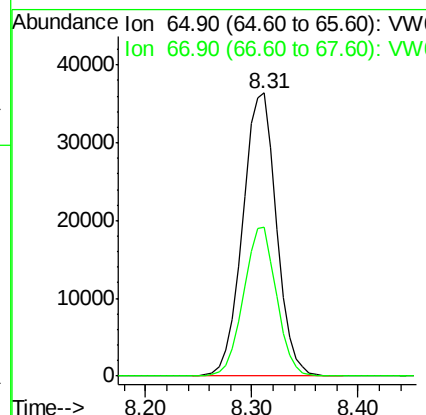
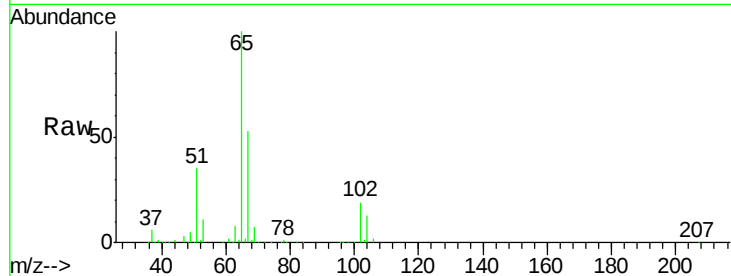




#33
 1,2-Dichloroethane-d4
 Concen: 46.39 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW002420.D
 Acq: 11 May 2018 09:35

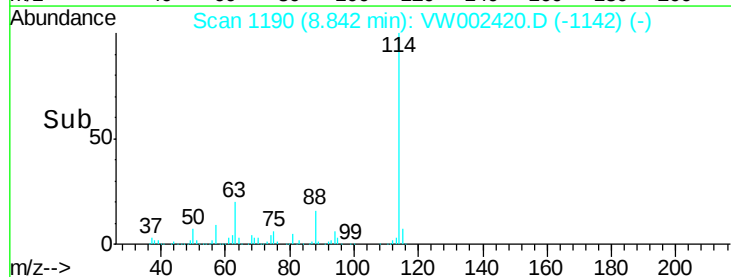
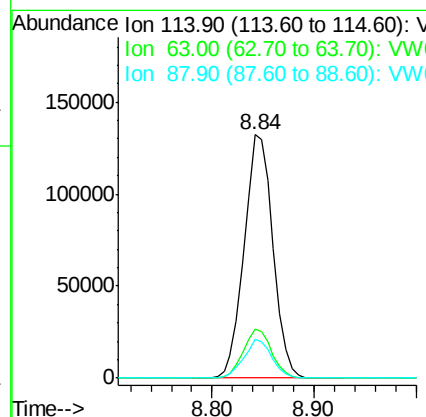
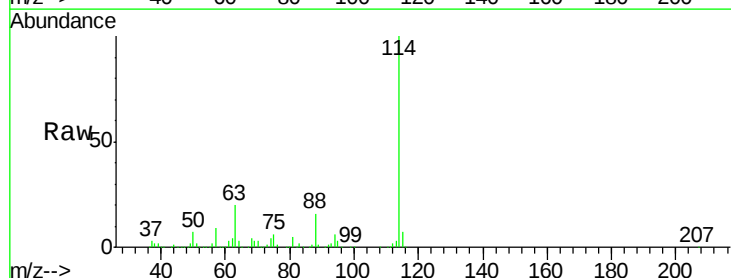
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-050818

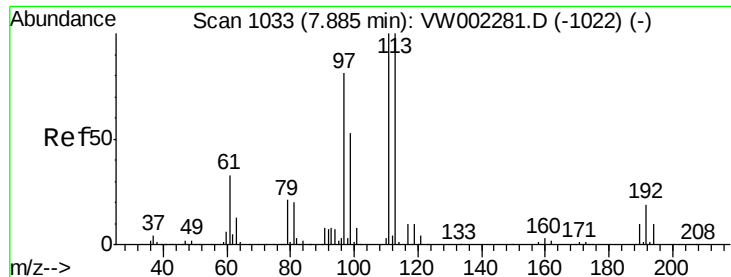
Tot Ion: 65 Resp: 81103
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002420.D
 Acq: 11 May 2018 09:35

Tgt Ion: 114 Resp: 258746
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 45.50 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002420.D

Acq: 11 May 2018 09:35

Instrument :

MSVOA_W

ClientSampleId :

SU-02-050818

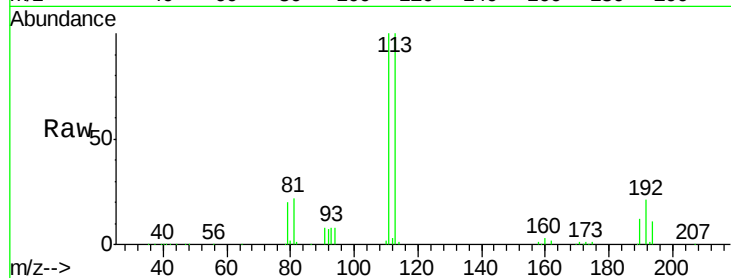
Tot Ion:113 Resp: 75463

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

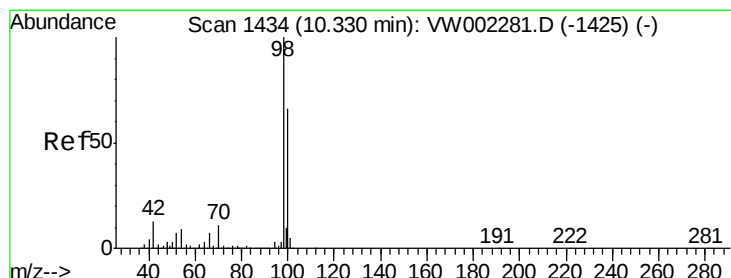
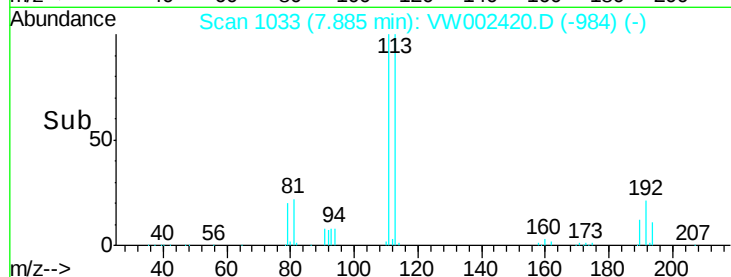
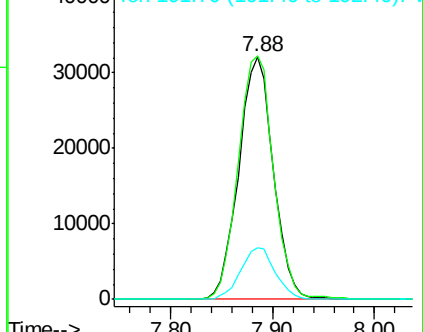
192 21.3 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 19.70 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002420.D

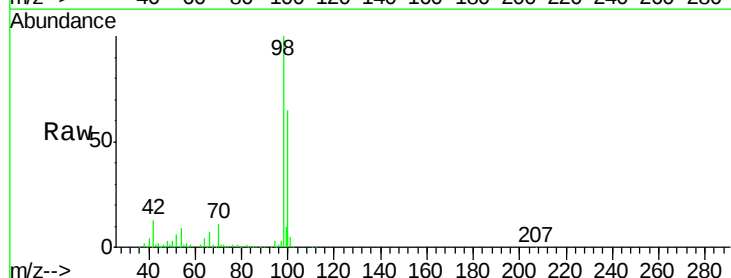
Acq: 11 May 2018 09:35

Tgt Ion: 98 Resp: 124620

Ion Ratio Lower Upper

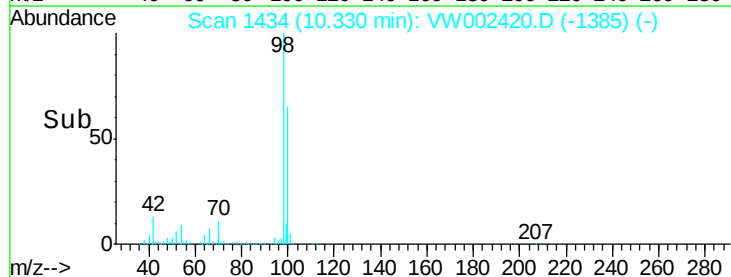
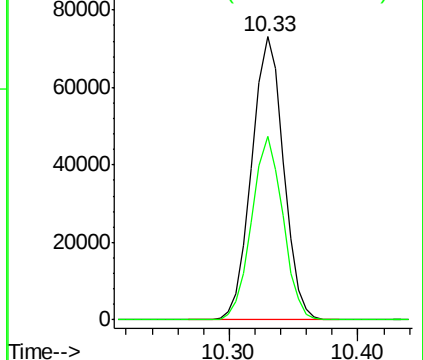
98 100

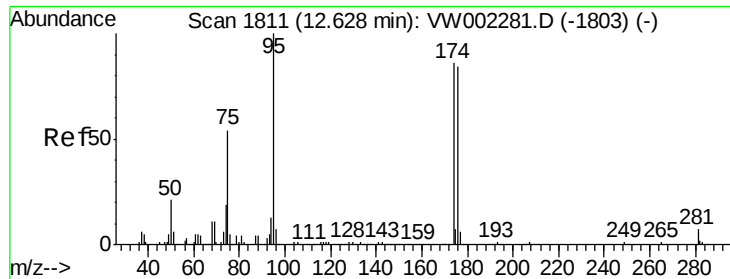
100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

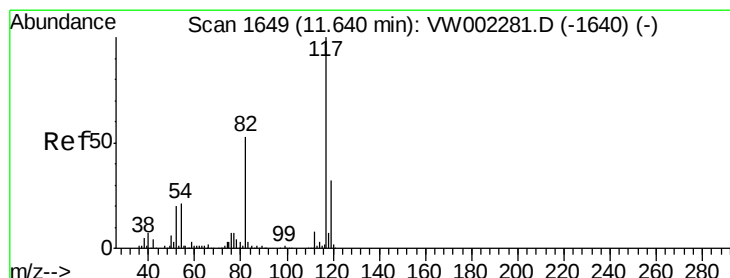
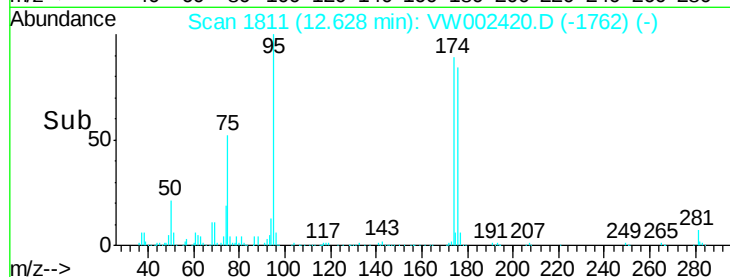
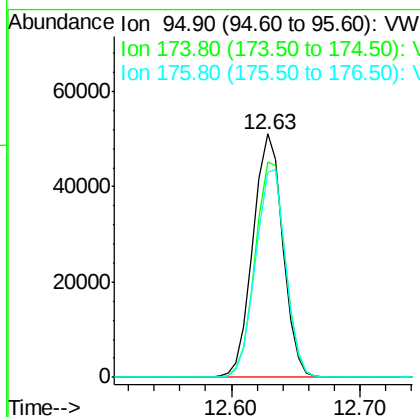
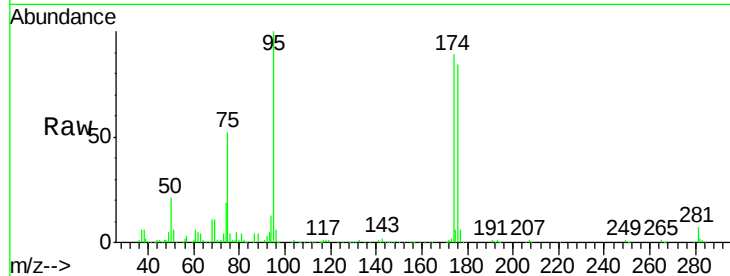




#62
4-Bromofluorobenzene
Concen: 35.67 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002420.D
Acq: 11 May 2018 09:35

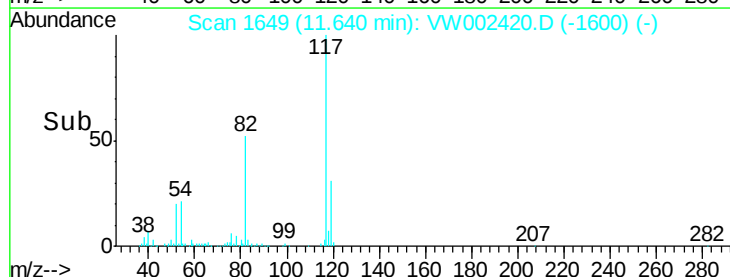
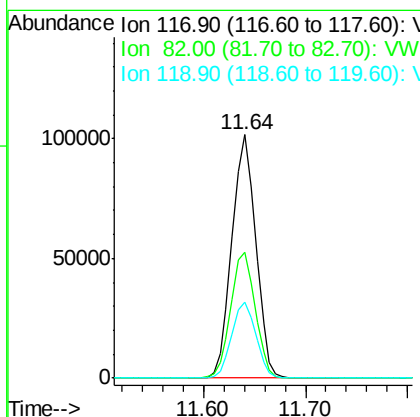
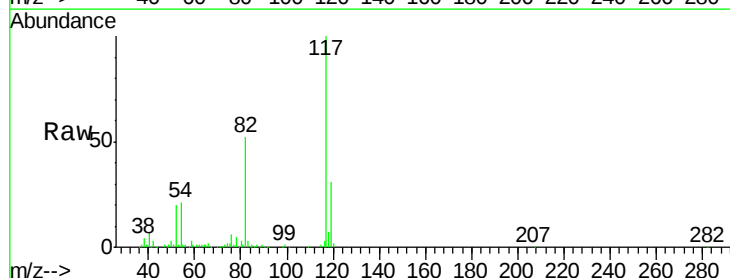
Instrument :
MSVOA_W
ClientSampleId :
SU-02-050818

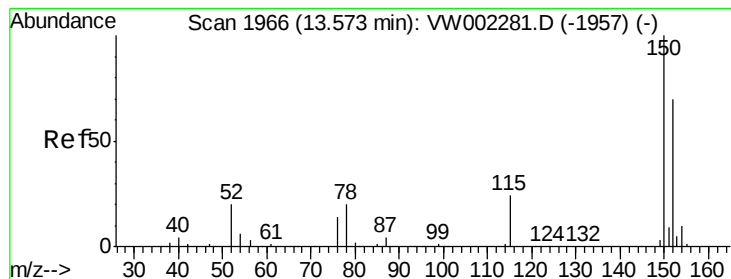
Tot Ion: 95 Resp: 81517
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.8
176 86.3 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002420.D
Acq: 11 May 2018 09:35

Tgt Ion: 117 Resp: 164484
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 31.4 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002420.D

Acq: 11 May 2018 09:35

Instrument :

MSVOA_W

ClientSampleId :

SU-02-050818

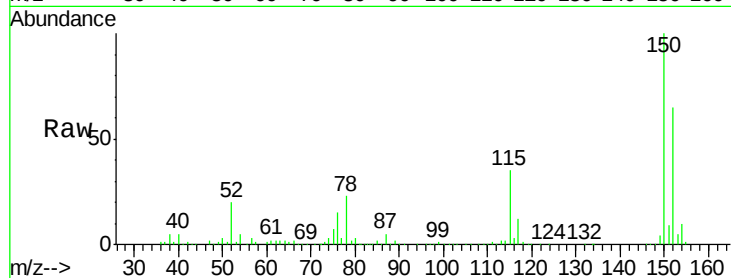
Tot Ion:152 Resp: 103515

Ion Ratio Lower Upper

152 100

115 56.2 28.5 85.5

150 155.6 0.0 342.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

